

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7 (Canceled)

8. (Original) Wind machine mounted on a vertical mast (2) and having a wind-driven turbine (1) which is fitted with blades (6) mounted on a large-diameter hub (7) with a horizontal axis, and an alternator co-operating with the turbine (1) to generate electrical power and which is provided on the one hand with a magnetic rotor (4) secured to the hub (7), preferably on a level with the maximum available diameter, and on the other hand a magnetic coil stator (5) adjacent to the rotor (4) and secured to a stationary frame (22) joined to an encircling hood (9) extending the hub (7) coaxially to form a streamlined casing in which the alternator is housed, characterised in that the ends (55) of the blades (6) are shrouded by a relatively short, divergent, circular fairing (8), mounted integrally therewith and concentrically with the hub (7).

9. (Original) Wind machine mounted on a vertical mast (2) and having a wind-driven turbine (1) which is fitted with blades (6) mounted on a large-diameter hub (7) with a horizontal axis, and an alternator co-operating with the turbine (1) to generate electrical power and which is provided on the one hand with a magnetic rotor (4) secured to the hub (7), preferably on a level with the maximum available diameter, and on the other hand a magnetic coil stator (5) adjacent to the rotor (4) and secured to a stationary frame (22) joined to an encircling hood (9) extending the hub (7) coaxially to form a streamlined casing in which the alternator is housed, characterised in that the blades (6) are shrouded in the vicinity of their ends (55) by a relatively short, divergent, circular fairing (8) mounted concentrically with the hub (7) and comprising a stationary element mounted on arms (41) joined to the frame (22) and co-operating with the ends (55) of the blades (6) at a slight clearance therefrom.

10. (Original) Wind machine as claimed in claim 9, characterised in that the fairing (8) has a rounded leading edge (44) followed 25 by a thick fairing (45) and a divergent, thin trailing edge (46).

11. (Original) Wind machine mounted on a vertical mast (2) and having a wind-driven turbine (1) which is fitted with blades (6) mounted on a large-diameter hub (7) with a horizontal axis, and an alternator co-operating with the turbine (1) to generate electrical power and which is provided on the one hand with a magnetic rotor (4) secured to the hub (7), preferably on a level with the maximum available diameter, and on the other hand a magnetic coil stator (5) adjacent to the rotor (4) and secured to a stationary frame (22) joined to an encircling hood (9) extending the hub (7) coaxially to form a streamlined casing in which the alternator is housed, characterised in that the blades (6) are helical blades inclined towards the upstream end at an angle of between 30° and 45° and dimensioned so that the swept diameter is approximately twice or four times that of the hub (7) or the hood (9).